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## RAW SEQUENCE LISTING

DATE: 07/05/2001

PATENT APPLICATION: US/09/602,212A

TIME: 10:13:27

Input Set : A:\398-lus1.app

Output Set: N:\CRF3\07052001\I602212A.raw

3 <110> APPLICANT: Buchholz, Ursula  
 4 Collins, Peter L.  
 5 Murphy, Brian R.  
 6 Whitehead, Stephen S.  
 7 Kreml, Christine D.  
 9 <120> TITLE OF INVENTION: PRODUCTION OF ATTENUATED, HUMAN-BOVINE CHIMERIC  
 10 RESPIRATORY SYNCYTIAL VIRUS VACCINES  
 12 <130> FILE REFERENCE: 15280-398-1US  
 14 <140> CURRENT APPLICATION NUMBER: 09/602,212A  
 15 <141> CURRENT FILING DATE: 2000-06-23  
 17 <150> PRIOR APPLICATION NUMBER: 60/143,132  
 18 <151> PRIOR FILING DATE: 1999-07-09  
 20 <160> NUMBER OF SEQ ID NOS: 23  
 22 <170> SOFTWARE: PatentIn Ver. 2.1  
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 26 <212> TYPE: DNA  
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 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 41 bovine RSV  
 43 <400> SEQUENCE: 2  
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 45 caagtatgtc caaccatacc 80  
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 50 <212> TYPE: DNA  
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 53 <220> FEATURE:  
 54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 59 caaaaacaag 70  
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 63 <211> LENGTH: 87  
 64 <212> TYPE: DNA  
 65 <213> ORGANISM: Human respiratory syncytial virus  
 67 <400> SEQUENCE: 4  
 68 agttaattaa aaatagtcac aacaatgaac taggatataca agactaacia taacattggg 60

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79 ca 62
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 62
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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93 ca 62
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122 <212> TYPE: DNA
123 <213> ORGANISM: Bovine respiratory syncytial virus
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132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
137 bovine RSV

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140 ccatgttgat agttatataa aaatattata ttagtctcga ggaataaaat cgattaacaa 60
141 ccaatcattc aaaaagatgg ggcaaat 87
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149 <220> FEATURE:
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165 tgaaaactgg ggcaaat 77
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186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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207 <210> SEQ ID NO: 16
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210 <213> ORGANISM: Artificial Sequence  
212 <220> FEATURE:  
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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222 <212> TYPE: DNA  
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235 <212> TYPE: DNA  
236 <213> ORGANISM: Artificial Sequence  
238 <220> FEATURE:  
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251 <220> FEATURE:  
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253       respiratory syncytial virus  
255 <400> SEQUENCE: 19  
256 ggggcaaata acaatggagt tgccaatc 28  
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261 <212> TYPE: DNA  
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274 <212> TYPE: DNA  
275 <213> ORGANISM: Artificial Sequence  
277 <220> FEATURE:  
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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279       respiratory syncytial virus  
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288 <213> ORGANISM: Artificial Sequence  
290 <220> FEATURE:  
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294 <400> SEQUENCE: 22  
295 aggaattctc gagtttttat ataactataa actaggaatc tac 43  
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299 <211> LENGTH: 64  
300 <212> TYPE: DNA  
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305       respiratory syncytial virus  
307 <400> SEQUENCE: 23  
308 ttaaaacttaa aaatggttta tgtcgaggaa taaaatcgat taacaaccaa tcattcaaaa 60  
309 agat 64

**VERIFICATION SUMMARY**

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